WTC - Exterior Wall to 9th Floor Schedules - Tower B.xls

FRAME-COLUMN 5-9
SAP input for Columns from floor 5 thru floor 9

FRAME-COLUMN 1-4
SAP input for Columns from floor 1 thru floor 4

FRAME-COLUMN BB-S0
SAP input for Columns from floors BB thru S0

SPANDRELS BB-9
SAP input for spandrels below 9th floor

NEW SPANDREL SECTIONS
SAP input for spandrel sections used only in WTC 2

To Elev 318
Column sections from original plans below Elev 318

Elev 318 to 363
Column sections from original plans Elev 318 to 363

Above Elev 363
Column schedule from original plans

Spandrels Above Elev 363
Spandrel schedule from original plans above Elev 363

Spandrel,Strut&Bracing
Spandrel schedule from original plans below Elev 363
Columns A thru R – Spandrel types from original plans
All other columns – floor identifiers for reading in input sheet

Truss Schedule
Schedule of elements around subterranean openings from original plans

ColType B thru F
Column type schedule from original plans in tree region, selected section properties

ColType 1000,8000,2000
Column type schedule from original plans for types 1000, 8000, 2000 w/SAP input

ColType 3000,4000

Column type schedule from original plans for types 3000, 4000 w/SAP input

ColType 5000,6000,7000
Column type schedule from original plans for types 5000, 6000, 7000 w/SAP input

WTC BLDG B2 - Exterior Panel Schedule.xls

Column
Exterior panel schedule from original plans

Spandrel
Exterior panel schedule from original plans

SAP FRAME-COL
SAP input for columns between 10th and 107th floors

FRAME -SPANDREL
SAP input for spandrels between 10th and 107th floors

FRAME SECTION-SPANDREL
SAP input for spandrel types between 10th and 107th floors

Columns A thru L – SAP input for spandrels between 10th and 107th floors

Column N thru R – Floor number where spandrel type used in SAP model

FRAME SECTION-COL
SAP input for column types between 10th and 107th floors

Panel Type
Panel type schedule from original plans (w/ typical elevation of panel)

Column Type 100
Column type schedule from original plans and section properties for SAP input and post-processing (w/ section)

Columns A thru H – Schedule from original plans
All other columns – Section properties calculated in sheet

Column Type 300
Column type schedule from original plans and section properties for SAP input and post-processing (w/ section)

Columns A thru H – Schedule from original plans
All other columns – Section properties calculated in sheet

Column Type 400 and 500
Column type schedule from original plans and section properties for SAP input and post-processing (w/ section)

Columns A thru G – Schedule from original plans
All other columns – Section properties calculated in sheet

Misc
Table for converting panel numbers and column indicies from schedules into "real" column numbers for the model

WTC BLDG AB3 - Exterior Wall 107 to 110.xls

SPANDREL FRAME
SAP input for spandrels above the 107th floor

FRAME
SAP input for Columns above the 107th floor

FRAME SECTION
SAP input for frame sections

BLDG A
Column and spandrel from original plans for WTC 1

Column Number – Column number from plans
Floor-Upper – Floor at top of column
Floor-Lower – Floor at bottom of column
Column Type – Column Type (corresponds to column types from FRAME SECTION sheet)
Spandrel Type @ Upper Floor – Spandrel type at top of column
Spandrel Splice – Type of spandrel splice
FY – FY from original plans (Note: Fy=36ksi UNO)

BLDG B
Column and spandrel data from original plans for WTC 2

Column headings same as BLDG A sheet

COLUMN TYPES
Column type schedule from original plans and section properties for input into SAP

Column B – Section name used in SAP
Columns A and C thru M – Schedule from original plans
All other columns – Section properties calculated in sheet

SPANDREL TYPES
Spandrel type schedule from original plans and SAP input data

Column B – Section name used in SAP

Columns A and C thru E – Section data from original plans
Column F – Offset value for rigid link in SAP